WHAT IS CLAIMED IS:

1. A method of manufacturing a mask comprising:

attaching to a first substrate having an opening a second substrate having a plurality of penetrating holes such that the penetrating holes are positioned within the opening, the penetrating holes set to be perpendicular to a surface of the second substrate;

forming a groove on at least one of a surface of the first substrate facing the second substrate and a surface of the second substrate facing the first substrate; and utilizing the groove to form a flow path between the first and second substrates.

- 2. The manufacturing method of the mask as defined in claim 1, wherein at least part of the groove is formed around the opening.
- 3. The manufacturing method of the mask as defined in claim 1, wherein the first and second substrates are joined by anode coupling.
- 4. The manufacturing method of the mask as defined in claim 2, wherein the first and second substrates are joined by anode coupling.
- 5. The manufacturing method of the mask as defined in claim 1, wherein the steps of forming the second substrate includes:

forming the penetrating holes in a silicon wafer; and cutting the silicon wafer into a shape corresponding to the second substrate.

6. The manufacturing method of the mask as defined in claim 1, further comprising:

forming a magnetic film over the second substrate.

- 7. The manufacturing method of the mask as defined in claim 1, wherein: a plurality of the second substrates are attached to the first substrate; the first substrate has a plurality of the openings; and each of the second substrates is attached to corresponding one of the openings.
- 8. The manufacturing method of the mask as defined in claim 7, further comprising:

polishing surfaces of the second substrates attached to the first substrate to have a uniform height.

A mask comprising:
 a first substrate having an opening; and

a second substrate attached to the first substrate and having a plurality of penetrating holes, the penetrating holes set to be perpendicular to a surface of the second substrate, wherein:

the second substrate is attached to the first substrate such that the penetrating holes are positioned within the opening;

a groove is formed on at least one of a surface of the first substrate facing the second substrate and a surface of the second substrate facing the first substrate; and the groove is utilized to form a flow path between the first and second substrates.

- 10. The mask as defined in claim 9, wherein at least part of the groove is formed around the opening.
- 11. The mask as defined in claim 9, wherein the first and second substrates are joined by anode coupling.
- 12. The mask as defined in claim 10, wherein the first and second substrates are joined by anode coupling.
- 13. The mask as defined in claim 9, wherein a magnetic film is formed over the second substrate.
- 14. The mask as defined in claim 9, wherein:
 a plurality of the openings are formed in the first substrate;
 a plurality of the second substrates are attached to the first substrate; and each of the second substrates is attached to corresponding one of the openings.
- 15. The mask as defined in claim 14, wherein surfaces of the second substrates attached to the first substrate are polished to have a uniform height.
- 16. A method of manufacturing an electro-luminescence device comprising:

 forming a film of a light emitting material using the mask as defined in claim

 9; and

cooling the mask by causing a fluid to flow through the flow path of the mask, in the step of forming a film of a light emitting material.

17. A method of manufacturing an electro-luminescence device comprising:

forming a film of a light emitting material using the mask as defined in claim

10; and

cooling the mask by causing a fluid to flow through the flow path of the mask, in the step of forming a film of a light emitting material.

18. A method of manufacturing an electro-luminescence device comprising:

forming a film of a light emitting material using the mask as defined in claim

11; and

cooling the mask by causing a fluid to flow through the flow path of the mask, in the step of forming a film of a light emitting material.

19. A method of manufacturing an electro-luminescence device comprising:

forming a film of a light emitting material using the mask as defined in claim

12; and

cooling the mask by causing a fluid to flow through the flow path of the mask, in the step of forming a film of a light emitting material.

- 20. An electro-luminescence device manufactured by the method as defined in claim 16.
- 21. An electronic instrument having the electro-luminescence device as defined in claim 20.
 - 22. A method of manufacturing a mask comprising:

attaching to a first substrate having an opening a second substrate having a plurality of penetrating holes such that the penetrating holes are positioned within the opening, the penetrating holes set to be tapered;

forming a groove on at least one of a surface of the first substrate facing the second substrate and a surface of the second substrate facing the first substrate; and utilizing the groove to form a flow path between the first and second substrates.

- 23. The manufacturing method of the mask as defined in claim 22, wherein at least part of the groove is formed around the opening.
- 24. The manufacturing method of the mask as defined in claim 22, wherein the first and second substrates are joined by anode coupling.
- 25. The manufacturing method of the mask as defined in claim 23, wherein the first and second substrates are joined by anode coupling.
- 26. The manufacturing method of the mask as defined in claim 22, wherein the steps of forming the second substrate includes:

forming the penetrating holes in a silicon wafer; and cutting the silicon wafer into a shape corresponding to the second substrate.

The manufacturing method of the mask as defined in claim 22, further comprising:

forming a magnetic film over the second substrate.

- 28. The manufacturing method of the mask as defined in claim 22, wherein: a plurality of the second substrates are attached to the first substrate; the first substrate has a plurality of the openings; and each of the second substrates is attached to corresponding one of the openings.
- 29. The manufacturing method of the mask as defined in claim 28, further comprising:

polishing surfaces of the second substrates attached to the first substrate to have a uniform height.

- 30. A mask comprising:
 - a first substrate having an opening; and
- a second substrate attached to the first substrate and having a plurality of penetrating holes, the penetrating holes set to be tapered, wherein:

the second substrate is attached to the first substrate such that the penetrating holes are positioned within the opening;

a groove is formed on at least one of a surface of the first substrate facing the second substrate and a surface of the second substrate facing the first substrate; and the groove is utilized to form a flow path between the first and second substrates.

- 31. The mask as defined in claim 30, wherein at least part of the groove is formed around the opening.
- 32. The mask as defined in claim 30, wherein the first and second substrates are joined by anode coupling.
- 33. The mask as defined in claim 31, wherein the first and second substrates are joined by anode coupling.
- 34. The mask as defined in claim 30, wherein a magnetic film is formed over the second substrate.
- 35. The mask as defined in claim 30, wherein:
 a plurality of the openings are formed in the first substrate;
 a plurality of the second substrates are attached to the first substrate; and each of the second substrates is attached to corresponding one of the openings.

- 36. The mask as defined in claim 35, wherein surfaces of the second substrates attached to the first substrate are polished to have a uniform height.
- 37. A method of manufacturing an electro-luminescence device comprising:

 forming a film of a light emitting material using the mask as defined in claim
 30; and

cooling the mask by causing a fluid to flow through the flow path of the mask, in the step of forming a film of a light emitting material.

- 38. A method of manufacturing an electro-luminescence device comprising:
 forming a film of a light emitting material using the mask as defined in claim
 31; and
- cooling the mask by causing a fluid to flow through the flow path of the mask, in the step of forming a film of a light emitting material.
- 39. A method of manufacturing an electro-luminescence device comprising:
 forming a film of a light emitting material using the mask as defined in claim
 32; and

cooling the mask by causing a fluid to flow through the flow path of the mask, in the step of forming a film of a light emitting material.

- 40. A method of manufacturing an electro-luminescence device comprising:

 forming a film of a light emitting material using the mask as defined in claim

 33; and
- cooling the mask by causing a fluid to flow through the flow path of the mask, in the step of forming a film of a light emitting material.
- 41. An electro-luminescence device manufactured by the method as defined in claim 37.
- 42. An electronic instrument having the electro-luminescence device as defined in claim 41.